

Kennedy Mwangi

PO.BOX 368-01000,

Thika,

Nairobi, Kenya

+254734755259 OR +254708674068

mwaskenne@gmail.com

#### Objective:

Dedicated and enthusiastic Full Stack Software Engineer with a strong foundation in web development and a passion for creating innovative solutions. Seeking this position to apply my skills and contribute to a dynamic development team while continuing to grow and expand my knowledge in software engineering.

#### Education:

Full Stack Software Engineer

ALX-Africa, Online

#### Skills:

Programming Languages: JavaScript, HTML5, CSS3, Python, C

Front-End Development: HTML, CSS, JavaScript, React.js, AngularJS

Back-End Development: Node.js, Python Flask, Django

Database Systems: MySQL, SQLite

Version Control: Git

Server Management: Apache, Nginx

Testing and Debugging: Mocha, Pytest, Chrome DevTools

Agile Methodologies: Scrum, Trello

Other Tools and Technologies: RESTful APIs, GraphQL, Bootstrap, jQuery, Visual Studio Code

Projects:

Airbnb Clone:

- Developed a responsive web application using flask and styled components to mimic the functionality and design of Airbnb.
- Implemented features such as property search, booking, and user authentication using Firebase.
- Collaborated with a team of developers to ensure efficient code integration and project completion.

Printf Clone:

- Created a command-line tool using C to replicate the functionality of the printf function in C programming.
- Developed support for various data types and formatting options.
- Implemented error handling and performed extensive testing to ensure accuracy and reliability.
- Demonstrated proficiency in C programming and understanding of low-level concepts.

News Website with React and Django:

- Built a news website using React.js for the front end and Django for the back end.
- Developed the user interface using React components and styled with CSS.
- Created RESTful APIs with Django to handle user authentication, article creation, and data retrieval.
- Integrated a sqlite database to store articles and user information.
- Implemented pagination and search functionality for efficient content navigation.
- Collaborated with the team to develop and maintain front-end and back-end functionalities.
- Participated in code reviews and provided valuable feedback on code quality and optimizations.
- worked with version control systems like Git to manage codebase and collaborated on the team's repository.
- Gained exposure to Agile methodologies and participated in daily stand-up meetings and sprint planning sessions.

Shoppers - Ecommerce Website (Full Stack) - In Progress:

- Currently developing a feature-rich ecommerce website, "Shoppers," using React.js for the front end and Django for the back end.
- Designing and implementing a responsive user interface with React components and CSS, ensuring optimal user experience across devices.
- Creating RESTful APIs with Django to handle essential functionalities such as user authentication, product listings, shopping cart management, and order processing.
- Integrating a PostgreSQL database to securely store product information, user data, and order details.
- Implementing robust pagination and search functionality to enhance the user experience for efficient product discovery.
- Conducting ongoing code reviews, providing constructive feedback on code quality, and contributing to optimizations for better efficiency.
- Utilizing version control systems like Git to manage the codebase, enabling effective collaboration within the team.
- Actively participating in Agile methodologies, including daily stand-up meetings and sprint planning sessions to ensure project milestones are met.

#### Additional Skills and Qualifications:

- Strong problem-solving skills and ability to quickly learn new technologies and programming languages.
- Familiarity with responsive web design principles and mobile-first development.
- Knowledge of software development lifecycle (SDLC) and familiarity with software engineering principles and practices.
- Excellent communication skills and ability to work effectively in a team-oriented environment.

#### Languages:

- English (Fluent)
- Swahili (Fluent)